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FORM PTO-1449

ATTY. DOCKET NO.
I-2-91.11USSERIAL NO.
09/765,001U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAPPLICANT
Ozluturk et al.INFORMATION DISCLOSURE
STATEMENT BY APPLICANTFILING DATE
January 18, 2001GROUP
Not Yet Known

(Use several sheets if necessary)

2631



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PP	AA*	3	7	6	1	6	1	0	09/73	Krallinger et al.			
	AB*	4	0	6	9	3	9	2	1/78	Goldenberg et al.			
	AC*	4	1	5	6	2	7	7	5/79	Seitz et al.			
	AD*	4	2	9	2	6	2	3	9/81	Eswaran et al.			
	AE*	4	3	8	4	3	0	7	5/83	Kuzmik et al.			
	AF*	4	3	8	5	2	0	6	5/83	Bradshaw et al.			
	AG*	4	4	2	5	6	6	5	1/84	Stauffer			
	AH*	4	4	5	8	3	1	4	7/84	Grimes			
	AI*	4	4	8	0	3	0	7	10/84	Budde et al.			
	AJ*	4	5	7	0	2	2	0	2/86	Tetrick et al.			
	AK*	4	5	8	3	1	2	4	04/86	Tsuji et al.			
	AL*	4	6	0	8	7	0	0	8/86	Kirtley, Jr. et al.			
	AM*	4	6	3	0	1	2	6	12/86	Kaku et al.			
	AN*	4	6	4	6	2	3	2	2/87	Chang et al.			
	AO*	4	6	6	7	1	9	2	5/87	Schmid et al.			
	AP*	4	6	7	5	8	6	5	6/87	DeVries et al.			
	AQ*	4	7	0	9	3	4	3	11/87	Van Cang			
	AR*	4	7	4	4	0	7	9	5/88	Csapo et al.			
	AS*	4	7	6	8	1	4	5	8/88	Wheelwright et al.			
	AT*	4	8	1	1	2	6	2	3/89	White			
	AU*	4	8	1	1	4	2	1	3/89	Havel et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ph</i>	AV*	4	8	6	2	4	0	2	8/89	Shah et al.			
	AW*	4	9	0	1	3	0	7	2/90	Gilhousen et al.			
	AX*	4	9	1	4	5	7	4	4/90	Terada et al.			
	AY*	5	0	2	2	0	4	9	6/91	Abrahamson et al.			
	AZ*	5	0	5	0	0	0	4	9/91	Morton, Jr.			
	BA*	5	0	5	6	1	0	9	10/91	Gilhousen et al.			
	BB*	5	0	8	4	9	0	0	1/92	Taylor			
	BC*	5	0	9	3	8	4	0	3/92	Schilling			
	BD*	5	1	0	3	4	5	9	4/92	Gilhousen et al.			
	BE*	5	1	0	5	4	2	3	4/92	Tanaka et al.			
	BF*	5	1	0	9	3	9	0	4/92	Gilhousen et al.			
	BG*	5	1	1	3	5	2	5	5/92	Andoh			
	BH*	5	1	1	5	4	2	9	5/92	Hluckyj et al.			
	BI*	5	1	1	7	3	8	5	5/92	Gee			
	BJ*	5	1	4	0	6	1	3	8/92	Birgenheier et al.			
	BK*	5	1	5	9	2	8	3	10/92	Jensen			
	BL*	5	1	5	9	5	5	1	10/92	Brunnett et al.			
	BM*	5	1	6	6	9	5	1	11/92	Schilling			
	BN*	5	1	9	3	0	9	4	3/93	Viterbi			
	BO*	5	1	9	9	0	6	1	3/93	Kim			
<i>✓</i>	BP*	5	2	0	4	8	7	6	4/93	Bruckert et al.			

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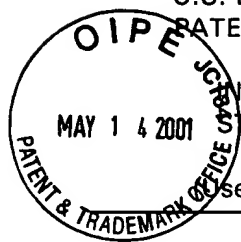
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<i>pp</i>	BQ*	5	2	2	4	1	2	0	6/93	Schilling			
	BR*	5	2	2	8	0	5	4	7/93	Rueth et al.			
	BS*	5	2	2	8	0	5	6	7/93	Schilling			
	BT*	5	2	3	5	6	1	4	8/93	Bruckert et al.			
	BU*	5	2	3	7	5	8	6	8/93	Bottomley			
	BV*	5	2	4	1	6	9	0	8/93	Larsson et al.			
	BW*	5	2	4	5	6	2	9	9/93	Hall			
	BX*	5	2	5	3	2	6	8	10/93	Omura et al.			
	BY*	5	2	5	3	3	4	7	10/93	Bagnoli et al.			
	BZ*	5	2	5	7	2	8	3	10/93	Gilhousen et al.			
	CA*	5	2	5	8	9	4	0	11/93	Coker et al.			
	CB*	5	2	6	0	9	6	7	11/93	Schilling			
	CC*	5	2	6	2	9	7	4	11/93	Hausman et al.			
	CD*	5	2	6	5	1	1	9	11/93	Gilhousen et al.			
	CE*	5	2	6	7	2	6	2	11/93	Wheatley, III			
	CF*	5	2	7	4	4	7	4	12/93	Medina			
	CG*	5	2	7	6	6	8	4	1/94	Pearson			
	CH*	5	2	8	3	5	3	6	2/94	Wheatley, III			
	CI*	5	2	8	7	2	9	9	2/94	Lin			
	CJ*	5	2	8	7	4	6	3	2/94	Frame et al.			
	CK*	5	2	9	5	1	5	2	3/94	Gudmundson et al.			
<i>✓</i>	CL*	5	2	9	7	1	6	2	3/94	Lee et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>AY</i>	CM*	5	2	9	9	2	2	8	3/94	Hall			
	CN*	5	3	0	5	3	4	9	4/94	Dent			
	CO*	5	3	0	9	4	7	4	5/94	Gilhousen et al.			
	CP*	5	3	1	1	4	5	9	5/94	D'Luna et al.			
	CQ*	5	3	2	7	4	5	5	7/94	DeGaudenzi et al.			
	CR*	5	3	2	7	4	6	7	7/94	DeGaudenzi et al.			
	CS*	5	3	3	9	1	7	4	8/94	Harris			
	CT*	5	3	4	1	3	9	6	8/94	Higgins et al.			
<i>✓</i>	CU	5	3	4	3	3	3	5	8/94	Hara			
	CV*	5	3	4	5	5	9	8	9/94	Dent			
	CW	5	3	4	7	5	3	6	9/94	Meehan			
	CX*	5	3	4	9	6	0	6	9/94	Lovell et al.			
	CY*	5	3	5	1	1	3	4	9/94	Yaguchi et al.			
	CZ*	5	3	5	3	3	0	2	10/94	Bi			
	DA*	5	3	5	3	3	5	2	10/94	Dent et al.			
	DB*	5	3	5	5	4	5	3	10/94	Row et al.			
	DC*	5	3	6	3	3	7	7	11/94	Sharpe			
	DD*	5	3	6	7	5	3	3	11/94	Schilling			
	DE*	5	3	7	3	5	0	2	12/94	Turban			
	DF*	5	3	7	7	1	8	3	12/94	Dent			
	DG*	5	3	7	9	2	4	2	1/95	Rose et al.			
<i>✓</i>	DH*	5	3	9	2	2	8	7	2/95	Tiedemann, Jr. et al.			

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PP	DI*	5	3	9	6	5	1	6	3/95	Padovani et al.			
	DJ*	5	3	9	8	2	4	3	3/95	Aguilhon et al.			
	DK*	5	4	0	4	3	7	6	4/95	Dent			
	DL*	5	4	0	6	5	5	9	4/95	Edem et al.			
	DM*	5	4	1	4	7	2	8	5/95	Zehavi			
	DN*	5	4	1	4	7	2	9	5/95	Fenton			
	DO*	5	4	1	4	7	3	2	5/95	Kaufmann			
	DP*	5	4	1	6	7	9	7	5/95	Gilhousen et al.			
	DQ*	5	4	1	8	6	2	4	5/95	Ahmed			
	DR*	5	4	2	0	8	9	6	5/95	Schilling			
	DS*	5	4	3	0	7	2	4	7/95	Fall et al.			
	DT*	5	4	3	0	7	6	0	7/95	Dent			
	DU*	5	4	4	0	5	9	7	8/95	Chung et al.			
	DV*	5	4	4	2	6	6	2	8/95	Fukasawa et al.			
	DW*	5	4	4	6	6	8	3	8/95	Mullen et al.			
	DX*	5	4	4	6	7	5	6	8/95	Mallinckrodt			
	DY*	5	4	5	9	7	5	9	10/95	Schilling			
	DZ*	5	4	8	3	5	4	9	1/96	Weinberg et al.			
	EA*	5	4	8	7	0	8	9	1/96	Misaizu et al.			
	EB*	5	4	8	8	6	2	9	1/96	Takahashi et al.			
	EC*	5	5	0	9	1	2	6	4/96	Oprescu et al.			
↓	ED*	5	5	1	9	7	3	6	5/96	Ishida			

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
pp	EE*	5	5	2	8	5	9	3	6/96	English et al.			
	EF*	5	5	4	4	1	5	6	8/96	Teder et al.			
	EG*	5	5	4	8	6	1	3	8/96	Kaku et al.			
	EH*	5	5	5	0	8	1	1	8/96	Kaku et al.			
	EI*	5	5	5	9	7	9	0	9/96	Yano et al.			
	EJ*	5	5	6	1	6	6	9	10/96	Lenny et al.			
	EK*	5	5	6	3	9	1	2	10/96	Yasunaga			
	EL*	5	5	9	6	5	7	0	1/97	Soliman			
	EM*	5	6	1	9	5	2	4	4/97	Ling et al.			
	EN*	5	6	5	7	3	4	3	8/97	Schilling			
	EO*	5	6	7	3	2	8	6	9/97	Lomp			
	EP*	5	7	1	2	8	6	9	1/98	Lee et al.			
	EQ*	5	7	4	5	4	8	4	4/98	Scott			
	ER*	5	8	4	1	7	6	8	11/98	Ozluturk et al.			
✓	ES*	5	9	4	0	3	8	2	8/99	Haim			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
pp	ET*	0	3	7	2	3	5	9A2	6/90	Europe				
	EU*	0	5	6	5	5	0	7	10/93	Europe				
	EV*	0	5	2	5	8	6	0A2	2/93	Europe				
✓	EW*	0	0	2	2	1	7	0A2	1/81	Europe				

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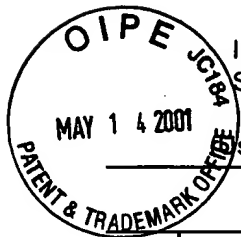
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													YES	NO
✓	EX*	0	4	6	4	8	3	9	1/92	Europe				
	EY*	0	5	2	6	1	0	6	2/93	Europe				
	EZ*	0	6	5	4	9	1	3	5/95	Europe				
	FA*	0	6	5	6	7	1	6	6/95	Europe				
	FB*	0	6	6	8	6	6	2	8/95	Europe				
	FC*	0	7	4	4	8	7	6	11/96	Europe				
	FD*	3	7	4	3	7	3	1A	7/89	Germany				
	FE*	3	7	4	3	7	3	2A	7/89	Germany				
	FF*	2	3	0	1	7	4	6	12/96	Great Britain				
	FG	62	2	5	6	5	1	6	11/87	Japan				X
	FH*	02	2	5	6	3	3	1	10/90	Japan				
	FI*	H2-	2	8	7	8	7	4	11/90	Japan				
	FJ	H4	2	2	2	1	1	1	8/92	Japan				
	FK*	H4-	2	8	7	5	9	3	10/92	Japan				
	FL	H5	1	4	4	1	2	8	6/93	Japan				
	FM	H6	1	0	4	6	9	4	4/94	Japan				
	FN	H7	2	7	3	6	0	0	10/95	Japan				
	FO*	9	2	0	0	6	3	9	1/92	PCT				
	FP*	9	3	0	7	7	0	2	4/93	PCT				
	FQ*	9	5	0	3	6	5	2	2/95	PCT				
✓	FR*	9	7	0	2	6	6	5	1/97	PCT				

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													YES	NO
PP	FS*	9	5	0	7	5	7	8	3/95	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PP	FT*	Patent Abstracts of Japan, Vol. 015, No. 003 (E-1019), 7 January 1991 & JP 02 256331 A (Sharp Corp.), 17 October 1990, see abstract.
	FU*	Raymond W. Nettleton, "Spectral Efficiency in Cellular Land-Mobile Communications: A Spread-Spectrum Approach," UMI Dissertation Information Service, (1978), 204 pp.
	FV*	Hossein Al Avi, "Power Control and Interference Management in a Spread-Spectrum Cellular Mobile Radio System," UMI Dissertation Information Services, (1984), 129pp.
	FW*	"Code Division Multiple Access (CDMA)", Franz Josef Hagmanns, Volker Hespelt, 8273 ANT Nachrichtentechnische Berichte (1993) August, No. 10, Backnang, DE, PP. 64-71
	FX*	"CDMA and ATM-zwei Technologien, ein Ziel", 2323 Telcom Report (Siemens) 18 (1995) Maerz/April, No. 2, Munchen, DE, pp. 60-63
✓	FY*	Zhao Liu et al., "SIR-Based Call Admission Control for DS-CDMA Cellular Systems", IEEE Journal on Selected Areas in Communications, US, IEEE Inc. New York, vol. 12, no. 4, 1 May 1994, pages 638-644

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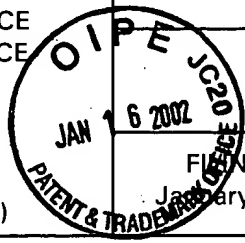
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Gary R. Lomp	
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P	FZ	5	9	5	3	3	4	6	9/99	Luddy			
	GA	6	0	1	8	5	2	8	1/00	Gitlin et al.			
	GB	6	0	7	2	7	8	7	6/00	Hamalainen et al.			
	GC	6	0	8	8	3	3	5	7/00	I et al.			
	GD	6	1	2	2	2	9	2	9/00	Watanabe et al.			

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PP	GG	3	7	0	0	8	2	0	10/72	Blasbalg et al.			
	GH	5	5	9	4	7	1	8	1/97	Weaver, Jr. et al.			
	GI	5	8	9	8	6	6	5	4/99	Sawahashi et al.			
	GJ	5	9	9	1	3	3	2	11/99	Lomp et al.			
✓	GK	6	2	2	9	8	4	3	5/01	Lomp et al.			

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ppl	GL	5	3	9	6	5	3	9	3/1995	Slekys et al.			
	GM	5	4	2	0	8	6	4	5/1995	Dahlin et al.			
	GN	5	8	7	8	3	2	9	3/1999	Mallinckrodt			

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													YES	NO
ppl	GO	0	4	6	2	5	7	2	12/1991	EP				
ppl	GP	9	2	2	1	1	9	6	11/1992	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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FORM PTO-1449

ATTY. DOCKET NO.
I-2-0091.11US

SERIAL NO.
09/765.001

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

APPLICANT
Gary R. Lomp

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

FILING DATE
January 18, 2001

GROUP
2631

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
phm	GR	4	3	2	0	5	1	3	03/1982	Lampert			
	GS	5	1	6	6	9	5	2	11/1992	Omurg et al.			
	GT	5	3	6	1	2	7	6	11/1994	Subramanian			
	GU	5	3	6	5	5	8	5	11/1994	Puhl et al.			
	GV	5	6	5	4	9	8	0	08/1997	Latva-aho et al.			
	GW	5	8	7	2	8	1	0	02/1999	Phillips et al.			
	GX	5	8	7	5	4	0	0	02/1999	Madhavapeddy et al.			
	GY	5	8	8	1	3	6	8	03/1999	Grob et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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phm	GZ	9	3	1	4	5	8	8	07/1993	WO				
	HA	9	4	2	8	6	4	0	12/1994	WO				
	HB	2	2	8	0	5	7	5	02/1995	GB				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

phm	HC	Pahlavan et al.; "Performance of adaptive matched filter receivers over fading multipath channels;" IEEE; vol. 38, no. 12; pgs. 2106-2113; December 1990.
	HD	Giannetti et al.; "Design of an all-digital receiver for narrowband continuous-phase asynchronous CDMA systems;" IEEE; vol. 3; pgs. 468-472; May 1993.
	HE	Braun et al.; "An All-digital receiver for satellite audio broadcasting signals using trellis coded quasi-orthogonal code-division multiplexing," AEI; vol. 4, no. 1; pgs. 23-32; 1993.
	HF	Rick et al.; "Noncoherent parallel acquisition in CDMA spread spectrum systems;" IEEE; paragraph 1; May 1994.
	HG	Bernasconi; "Receiver architectures for the down-link in a DS-CDMA mobile system;" IEEE; pgs. 51-55; September 1994.

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	APPLICANT Gary R. Lomp	
	FILING DATE January 18, 2001	GROUP 2631

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EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
pp	HH	5	3	4	1	3	9	7		08/1994	Gudmundson			
	HI	5	6	2	7	8	5	5		05/1997	Davidovici			
	HJ	5	6	3	8	3	6	2		06/1997	Dohi et al.			
	HK	5	7	8	1	5	8	4		07/1998	Zhou et al.			
	HL	5	7	9	6	7	7	6		08/1998	Lomp et al.			
✓	HM	6	5	1	9	4	6	1		02/2003	Andersson et al.			

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		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>phm/plm</i>	DATE CONSIDERED <i>4/16/04</i>
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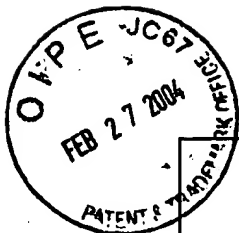


Sheet _1_ of _1_

#16

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										APPLICANT Gary R. Lomp				
										FILING DATE January 18, 2001		GROUP 2631		
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
PP	HN	5	2	1	6	6	9	2	06/1993	Ling				
	HO	5	3	2	1	7	2	1	06/1994	Yamaura et al.				
	HP	5	5	2	8	6	2	4	06/1996	Kaku et al.				
	HQ	5	8	7	0	3	7	8	02/1999	Huang et al.				
	HR	5	8	8	1	0	5	6	03/1999	Huang et al.				
	HS	6	1	4	1	3	7	4	10/2000	Burns				
	HT	6	5	4	9	5	6	5	04/2003	Buehrer et al.				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
EXAMINER phung phu										DATE CONSIDERED 4/16/04				

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#17

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0091.11US	SERIAL NO. 09/765,001
	APPLICANT Gary R. Lomp	
	FILING DATE January 18, 2001	GROUP 2631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
pp	HX	4	4	0	3	3	2	2	09/1983	Kato et al.			
	HY	5	3	5	3	3	5	2	10/1994	Dent et al.			
	HZ	5	3	6	5	5	4	4	11/1994	Schilling			
	IA	5	4	2	0	8	5	0	05/1995	Umeda et al.			
	IB	5	4	8	5	4	8	6	01/1996	Gilhausen et al.			
	IC	5	5	0	6	8	6	4	04/1996	Schilling			
	ID	5	5	5	9	7	9	0	09/1996	Yano et al.			
	IE	5	6	1	9	5	2	6	04/1997	Kim et al.			
	IF	5	6	4	4	5	9	0	07/1997	Sugita			
	IG	5	6	7	5	5	8	1	10/1997	Soliman			
	IH	5	6	9	1	9	7	4	11/1997	Zehavi et al.			
	II	6	0	4	9	5	3	5	04/2000	Ozluturk et al.			
	IJ	6	2	9	2	5	1	9	09/2001	Popovic			
✓	IK	6	5	8	7	4	4	7	07/2003	Wang et al.			

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
pp	IL	H	5	8	3	3	8	1	04/1993	JP			X*	
	IM	H	6	6	3	7	4		01/1994	JP			X*	
	IN	H6	1	0	4	8	2	9	01/1986	JP			X*	
	IO	H	7	5	8	6	6	5	03/1995	JP			X*	
✓	IP	S6	31	9	8	4	2	3	08/1988	JP			X*	

EXAMINER <i>phung</i>	DATE CONSIDERED 4/16/04
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